
BOTANICUM Hortense IV.

Giving an Account of divers Rare Plants, Observed
the last Summer A. D. 1714. in several Curious
Gardens about London and particularly the
Society of Apothecaries Physick-Garden at Chelsea.

By James Petiver, F. R. S.

Continued from the last Transactions.

47 *Planta Nasifloræ. Snout-Flowers.*

A Lehoof Snapdragon. Ray Hist. Plantar. p. 567.
pl. 3.
Cymbalaria Hederae terrestris folio, flore maximo.
Antirrhino seu Linariae affinis fol. Hederae terrestris. Flor.
Batav.

Asarina Lob. Lugd. 915 fig. 2.

Asarina Lob. flore *Hederae terrestris* I. B. 3. App. 840. fig.

Asarina sterilis, Sevenæ Narbonensis agri Lob. Obs. 329 1c.

Asarina sive saxatilis Hederula Lob. Icon. 601.

Hedera saxatilis Jonst. 856. fig. 2.

Hedera terrestris, magno flore C. B. 306. Phyt. 609. 3.

Its Flowers, Seeds and Capsules plainly shew it to be a
kind of *Snapdragon*. Lobel says this grows wild in *Narbone*
and *Provence* (from whence I should be glad to see
it,) but his Figure does not express the Hoariness with
which our Leaves are endowed, nor are its Flowers so
large or Exact. I first saw this elegant Plant in the

X x

Amster.

Amsterdam Physick-Garden, Flowering in July, and since at Chelsea.

48. English Yellow Pansy. Ray's *British Herbal* Tab. 37. fig. 10.

Viola montana lutea grandiflora nostras Ray 1052. 5. *Syn.* ed. 215. 8.

Viola 5. *Jonst.* 853. *Ger.* 704.

Mr. Ray observed this in divers boggy mountainous Pastures in *Darbyshire*, *Torkshire*, and *Wales*. It Flowers very well in our Gardens, and makes a beautiful edging.

49. Bog Violet. Ray's *British Herbal* Tab. 37. Fig. 5.

Viola palustris rotundifolia Plot. *Hist. Oxon.* 144. 4. Tab. 9. fig. 2. Ray 1050. 4. *Synopl.* 152. 4. edit. 2. p. 214. 4.

Viola palustris rotundifolia glabra Moris. *Oxon.* 475. 5. *sect.* 5. Tab. 35. fig.

Dr. Plot first discovered this in the Bogs about *Stowood* in *Oxfordshire*, and *Chiswell* in *Barkshire*, since which it hath been found in the like Places between *Wickam* and *Croydon* in *Surry* plentifully, from whence it was transplanted into *Chelsea Garden*. It Flowers in *April* and *May*.

50. Hairy Wood Violet. Ray's *British Herbal* Tab. 37. fig. 7. *Viola Trachelii folio* Morret. pin. 125.

Viola Martia hirsuta, major, inodora Plot. *Oxon.* 144. 3. Ray 1051. 5. *Synopl.* 152. 6. ed. 2. p. 215. 6.

Viola Martia major, hirsuta inodora Moris. *Ox.* 475. 4. S. 5 Tab. 35. fig.

Grows plentifully in *Charlton* and other Woods in *Kent*, &c. It Flowers in *March* and *April*.

51. Upright Tree-Violet Ray 1052. 1.

Viola arborescens vel potius erecta Camer. *Epit.* 511. fig. opt.

Viola assurgens tricolor *Ger.* 703. *lc.* 2. *Jonst.* 854. fig.

Viola elatior *Clus.* 309.

Viola Martia arborescens purpurea C. B. 199. 2.

Viola Martia surrectis cauliculis *Lob.* *lc.* 610. 2.

Jacea tricolor, surrectis caulibus, quibusdam arborea dicta
Chabr. 510. *lc.* 3. *I. B.* 3. l. 32. p. 547. fig.

Clusius observed this to grow common in the Woods of
Austria and *Styria*. *Dr. Morison* in his *Hist. Oxon.* p.
 476. says this is found in *England* on the Tops of *Moun-*
tains and in *Woods*, which has not as yet been observed,
 either by the inquisitive *Mr. Ray* or any other.

Plantæ Bacciferae. Berry-bearing Plants.

52. Long *Horse-tongue* *Ray* 663. 1.

Bonifacia five *Bislingua* *Chabr.* 45. *lc.* 5. & 6. *I. B.* 1. l. 5.
 p. 575. fig.

Hippoglossum Camer. *Epit.* 919. fig.

Hippoglossum Dioscoridis & *Lauroraxa Plinii* *Col.* 165.
 fig. opt.

Hippoglossum five *Bislingua* *Barrel.* pl. 5. *lc.* 249. *Park.*
 702. *lc.*

Hippoglossum mas & feminæ *Ger.* 761. *lc.* 1. & 2. *Jonst.* 908.
lc. 1. & 2.

Radix Idea, *Hippoglossum* *Col.* phyt. 64. fig.

Ruscus angustifolius, fructu folio innascente *El. Bot.* 70.
Inst. 79.

This and the next are accurately *Figured* by *Columna*
 & *Barrelier*. The peculiarity of this Plant is to have a
 small tongue like the *Key* or *Fruit* of the *Ash-tree*, growing
 from the middle Rib on the under side of each Leaf.

Grows on shady Mountains in *Italy* and *Hungary*.

53. Round *Horse-tongue* *Ray* 663. 2.

Laurus Alexandrina *Camer.* *Epit.* 936. *lc.* *Chabr.* 46. *lc.* 1. *I.*
B. 1. l. 5. p. 574. fig.

Laurus Alexandrina & *Chamædaphne* *Col.* 165. fig. opt.

Laurus Alexandrina genuina *Park.* 700. fig. 1.

Laurus Alexandrina vera *Diosc.* & *Theophr.* *Barrel.* 6. *lc.*
 250.

Laurus Alex. fructu folio infidente *C B.* 305.

Ruscus latifolia, *fructu folio innascente* E. B. 70. *Inst.* 79.

I have a very fair Specimen of this in *Flower*, gathered with the last at *Gibraltar* by Dr. *Pelham Jonston* a curious Botanist.

54. *Cherry Nightshade* Ray 673. 4.

Amomum Plinii Ger. 289. fig. *Jonst.* 361. fig.

Amomum Plinii *Strycnodendron* five *Solanum arborescens* Loh.

Ic. 265. 1. *Belg.* 322 *Obs.* 136. fig.

Pseudo-Capsicum seu *Amomum Plinii* *Park.* parad. 427. fig. 7.

Solanum fruticosum *Tabern.* 578. Ic. 2.

Solanum fruticosum bacciferum C.B. 166. 9. *phyt.* 29.

Solanum fruticosum Americanum dictum *Amomum Plinii* *Park.* 353 fig.

Its an old Inhabitant in our Gardens, where it *Flowers* about Midsummer, and its *Cherry-like* Fruit is ripe in the *Winter*.

I have received this from the *Maderas*, where Dr. *Sloan*, that Consummate Botanist, has also observed it.

55. *Virginia Potatoes* Ray 675. 14.

Batata Virginiana f. *Virginianorum* & *Pappus* Ger. 781. fig. *Jonst.* 927. fig.

Arachidna Theophr. fortè *Papas Peruanorum* *Clus.* 97. fig.

Papas seu *Battatas Virginianorum* *Park.* parad. 517. fig. 3.

Papas radix, ex qua *Edulium Chunno* dictum conficitur *Jos. Acoſta* l. 4 c. 17. imo *Panis* loco utuntur quem

Chunno dictum vocant *id.* l. 3. cap. 20.

Solanum tuberosum C.B. *phyt.* 301. 19.

Solanum tub. esculentum C.B. 167. 13. *Prodr.* 89. fig. opt.

We are obliged to that indefatigable Botanist *Caspar Bauhine* for a most accurate *Figure* and full *Description* of this useful *Root*, which was first discovered in *Virginia* and there call'd *Openanck*.

It was first cultivated in *Ireland*, and now about *London*, and in many Counties of *Great Britain*. It *Flowers* from *July* till *Autumn* and then *Fruits*, altho' rarely ripens.

Herbæ

Herbæ capitibus stellatis seu echinatis,
Herbs with Star or Burr heads.

56. *Avicens Abtilon* Ray 699. 1. *H. Oxon.* 531.
Althea lutea Ger. 790. fig. *Jonst.* 935. fig.
Althea lutea five *Abutilon Avicenna* putatum *Park.* 304.
 Ic 5.
Althea luteis floribus *Lob.* Ic 635. 1. *Belg.* 801. *Obs* 374.
 fig.
Althea Theophrasti fl. luteo *CB.* 316. 8. *phyt.* 632. 8.
Althea Theophrasti fl. luteo, quibusdam *Abutilon* 1 *B.* 2. 1.
 23. p. 958. fig. *Chabr.* 302. 1c. 1.
Caspar Bauhine observed this Plant, altho' an *Annual*, 2
 Cubits high, between *Ferraria* and *Bononia*. Its also a
 Native of both the *Indies*, from whence I have received it.
 57. *Betony Mallow* Ray 593. 3 *H. Oxon* 522. xi.
Alcea Betonica folio fl. purpureo violaceo *Barrel.* 72. 1c.
 1189.
Malva Betonica folio *H. Blef.* 285. *Pocc.* 15. fig *Zan.* 130.
 fig. 52.
Malacoides Betonica folio *Inst. R. H.* 98.
 This elegant *Mallow* grows wild in *Tuscany*, from whence
 it was sent me by *Pet. Antony Micheli* the Grand Duke's
Botanist as also from the Reverend *Bruno Tozzi* Abbot of
Vallambrose and Fellow of the *Royal Society*.
 58. *Cupain* his Dwarf *Spearwort* Ray 3. p. 361. 27.
Ranunculus Alpestris palustris, lignosus, fol. *Ocimi* echina-
 tus *H. Cathol.*
Ranunculus Siculus fol. rotundo vix serrato *Gazoph.* *Natur.*
 Tab. 24. fig. 9. opt.
 This is a small stooping Plant, with pretty large *Heads*,
 its *Leaves* broad and lightly notchd. Grows wild in *Sicily*.
 59. *Mutet Cronfoot* Ray 582. 5.
Ranunculus magnus valde hirsutus. fl. luteo 1. *B.* 3. 1. 30 p.
 417. fig. *Chabr.* 465. 1c. 6.

Ranunculus mont. subhirsutus, Geranii folio C B. 182. 13.
Ranunculus montanus subhirsutus, Geranii folio C B. pr. 96.

6. fig.

Ranunculus mont latifol. hirsutus alter C B. *phyt.* 323. 15.

C B. in his *Phytopinax* says he first found this on Mount *Muret* near *Basil*, and afterwards on *Rofsberg* near *Tubing* in *Wirtenbergh*. I received the first Specimen of this from Mr. *Jacob Bobart* at *Oxford*.

Herbæ *Tetrapetalæ*. Quaterpetals.

60. *Babylonion Cress*, Ray 821. 1.

Draba prima umbellata C B. *phyt.* 174. 1.

Draba vulgaris Park. 849. fig. 1.

Draba Dioscoridis Jonst. 274. fig. 1.

Draba sive Arabis Chabr. 295. lc. 6.

Draba multis fl. albo. I B. 2. l. 22. p. 939. fig.

Draba umbellata vel *Draba maj. capitulis donata* C B. 109. 1.

Arabis sive Draba & Nasturtium Babylonicum Lob. lc. 224.

I Belg. 267. fig. Obs. 111.

Grows in the Borders of Fields about *Vienna* plentifully, as also in the like Places in *Italy* and *France*. Flowering in *May* and *June*.

61. *Bur Rocket* Ray 804. 4.

Erucago segetum El. Bot. 199. Inst. 152.

Eruca Monspeliaca filiquâ quadrangulâ Park. 821. fig.

Eruca Monsp. fil. quadrangulâ echinatâ C B. 99. 14. *phyt.*

149. 15. *prodr.* 41. 7. fig. opt.

Raphanistrum dispermon Monspel. fil. quadrangulâ echinatâ H. Leyd. 520.

Sinapi echinatum Lugd. 647. fig. Chabr. 275. Ic. 3. I. B. 2.

l. 21. p. 858. fig.

Grows about *Montpelier* in Corn. It Flowers and Seeds in *June*, &c.

62. *Ever-green Persian Tufts* Ray 837. 7.

Thlaspi fruticosum Leucoii folio latifol. C B. 108. 1. *prodr.*

49. 9. Park.

Thlaspi

Thlaspi frut. umbellatum *Persicum*, fol. *Leucoi* instar sem-
pervirentibus H. *Oxon* 296. 23.

Thlaspi latifol. platycarpon, *Leucoi* foliis *Bocc.* 55. fig.
opt.

Thlaspi sempervirens & florens *Dodart.* 115. fig.

Thlaspidium frutic. *Leucoi* folio semperflorens E. B. 183.

Inst. 214.

Thlaspio fruticoso di *Persia*, con foglia di *Keiri*, di fiore odo-
rato *Zanon* 106. Tab. 74. fig.

This is always green, *Flowers* long and especially to-
wards the *Winter*, its said to come from *Persia*, *Boccone*
found it wild about *Palermo* in *Sicily*.

63. Garlick Cress *Ray* 834. 19.

Scorodo-thaspi *Ulixis Aldrovandi* *Chabr.* 294. Ic. 1. I. B. 2. l.
22. p. 932. fig.

Thlaspi *Allium* redolens H. *Oxon.* 297. 28. Tab. 18. fig.

That very great and laborious Naturalist *Ulixis Aldro-*
vandus first discovered this Plant growing about *Bononia*.
It *Flowers* and *Seeds* in *Chelsea-Garden* early in the *Spring*.

Plantæ tl. pentapetalo. *Cinquepetals.*

64. Dwarf *Gentian* with a large Flower *Ray* 718. 2.

Gentiana *Alpina* magno flore I B. 3. l. 31. p. 523. fig.

Gentiana *Alp.* pumila, latifol. magno flore *Elem. Botan.*
96.

Gentiana *Alp.* magno fl. cæruleo violaceo *Mariana* *Chabr.*
503. Ic. 6.

Gentiana 5. *Gentianella* major verna *Clus.* 314. fig.

Gentianella *Alpina* verna major *Park.* 402. fig. 1.

Gentianella *Alp.* latifol. magno flore C B. 187. 1. phyt. 347.

16 prodr, 97. c. x. 1.

Gentianella *Helvetica* *Lob. Icon.* 310. 1. Belg. 381.

Gentianella *Campanula* flore purp. *Helvetia* *Adv.* 130. fig.

I B. makes this and the *Angustifolia* to be the same
Plant.

Grows

Grows on most Mountains in Austria, Styria and Swisserland, where it Flowers in their Spring, viz. in June, or as soon as the Snow there melts.

This elegant Plant is pretty common in most of our Countrey Gardens.

65. Pona's blew Valerian Ray 745. 6.

Cervicaria Valerianoides cærulea C B. 95. 20.

Rapunculus Valerianoides cæruleus umbellatus Boer. 104. 3.

Rapuntium umbellatum Col. phyt. 2. p. 22.

Trachelio azuro umbellifero Pona Ital. 44. fig.

Trachelium umbelliferum cæruleum Park. 645. 8.

Valerianoides Alpin. Trachelii folio, fl. coccineis Alm. Bot.

379.

This is very different from the *Telephium* fl. purpureis Lobel. Ic. 389. 2. as Columna and C B. from him take to be the same.

Pona, in his Italian Edition of the Plants on Mount Baldus, gives the first Figure and Description of this elegant Plant, which he received from Signior Contareni at Venice, and supposes it to come from Candy; but Pere Barrelier says it grows in moist shady Places not only about Rome but Valentia in Spain; where its also sometimes found with a white Flower. Its blew umbelliferous Tufts make a beautiful Shew in our Physick Garden where it Flowers from Midsummer till the end of September.

66. Childing Pink Ray 990. 13. H. Ox. 563. 21.

Caryophyllus sylv. prolifer C B. 209. 6. phyt. 393. 18.

Caryophyllus prolifera Park. 1338. fig. 1.

Betonica Coronaria squamosa sylv. Chabr. 446. Ic. 6. I B. 3.

l. 29. p. 335. fig.

Armeria prolifera Lob. Ic. 449. 1. Belg. 534. Jonst. 599. fig. 5.

Grows in barren Pastures in many Parts of France, Italy, Germany, &c.

67. Gray

67. *Gray Stitchwort* Ray 1020. 7. H. Ox. 546. 44.
Holosteum Hart. incanum vulgare Nobis.
Caryophyllus Holosteus Ger. 277. xi. *Jonst.* 595. fig. 15.
Caryophyllus Holosteus tomentosus I B. 3. l. 29. p. 360. fig.
Park. 1339. fig. 7.
Caryophyllus Holost. tomentosus latifolius CB. 210. 2.
pr. 124. 5.

Lychnis maritima incana & tomentosa H. Oxon. 546. 44.
Myosotis tomentosa Linaria folio amplo. E B. 211. *Inst.* 244.

The *Description* of I B. and others much better agree with this Plant than that of C B. *prodr.* p. 104. 5.

There is no good *Figure* of this Herb altho a *Common Edging* in every *Countrey Garden*.

68. Penny's *Myrtle Cistus* Ray 1011. 13.

Ascyrum Balearicum frutescens, magno flore luteo, fol. minoribus lucidis subtus verrucosis J. Salvatore.

Myrto-Cistus Pennei Clus. 68. fig. *Pan.* 67. fig. *Park.* 665. fig.
Ger. 1098. fig. 16. *Jonst.* 1279. fig. 16. *Tab. Ic.* 1054. 2.

Myrto-Cistus Pennei, fl. luteis oblongis Chabr. 103. *Ic.* 2.
 I B. 2. l. 13. p. 21. fig.

Dr. Penny a famous Physitian of *London* and a very curious Naturalist of that time, first communicated this Plant A. D. 1580. which he had gathered on the Island *Majorca* to *Carolus Clusius*, who gave a *Figure* of it, and from whence all other Authors have since copied it. We are lately obliged to Dr. *John Salvatore* at *Barcelona* for the more perfect Knowledge of it, who amongst many other very curious and Rare Plants gathered in that Island and *Minorca*, sent me this under the Name as above, of which it is a true *Species*.

69. *Matthiolum* his *Coris* or *St. John's-wort* Ray 1018. 4.

Coris C B in *Matth.* 667. fig. *opt. Cam.* 678. fig. *Park.* 570.
 fig. 1. *Jonst.* 544. fig. 1. *Lob. Ic.* 403. 1. *Belg.* 489. *Obs.*
 220. fig.

Coris lutea C B. 280. 1. *lutea major phyt.* 548. 1.

Hypericoides Coris quorundam & Coris legitima Cretica
Chabr. 456. Ic. 5. l. B. 3. l. 29. p. 384. fig.

Hypericum seu Coris legitima Erica similis H. Oxon 469. 4.

Hypericum Syriacum tenuissimo & glauco folio El. Bot.
222 *Inst.* 255.

Matthiolum says this grows in dry Grounds and Hills in many Places of *Italy*, and by *Carara* a Village of *Liguria*, as *Camerarius* asserts.

I take this by its Figure to be different from *Bellus* and *Pona* their *Coris legitima Cretica*:

70. Succory *Mullein*.

Blattaria Cichorei folio villosa Nobis.

an *Blattaria Orient. Agrimonia folio. T. Coral.*

Its Leaves spread on the Ground, are deeply cut long and hoary, from the midst of these rise slender Stalks, much branched and full of small yellow Flowers which soon fall off.

I have as yet seen this in *Chelsea Garden* only.

71. Great Pile Trefoil Ray 968. 12. *H. Ox.* 177. 14.

Lotus Hamorrhoidalis sive Trifolium Hamorroid. majus
Park. 1102. fig. 8.

Lotus pentaphyllos filiquosus villosus CB. 332. 9.

Lotus polyceratos frutescens incana alba, filiquis curtis-
crassioribus & brevioribus erectis H. Ox. 177. 14

Oxytriphylum alterum Scribonii Herbariorum Lob. Adv.
381. fig.

Trifolium album, rectum hirsutum valde Chabr. 160. Ic. 1

l. B. 2. l. 17. p. 360. fig.

Trifolium Hamorrhoidale Lob. illustr. 151.

Grows plentifully about *Montpelier*, *Lobel* says its also found about *Eyons* and *Turin*.

The Leaves or rather the Seed given in Powder from 30 Grains to 60 in Red Wine, is said to be very effectual in curing the Piles.

72. Lesser Pile Trefoil Ray 968 xi.

Lorus

Lotus Hamorrhoidalis alter minus five *Lotus Lybica* Dal.
Park. 1102. f. 9.

Lotus filiquosus glaber, flore rotundo C B. 332. 10.

Lotus Lybica Dalechampii Lugd. 509. fig.

Lotus Lybica Dalech. vulgo H. Leyd. 384.

Trifolium rectum *Montepellulanum* I B. 2. l. 17. p. 359. sine fig.

Trifolium rectum *Montepes.* fl. rotundo C B phyt. 666. 46.

Grows by River sides and moist Places about *Messina*,
Calabria and *Montpelier*.

73. *Camerarius* his *Birds Foot Trefoil*. Ray 970. 20.

Lotus filiquis *Ornithopodii* C B. 332. 2. phyt. 667. 36. I B.

2. l. 17. p. 359. fig.

Lotus peculiaris, filiquis *Ornithopodii* Camer. Hort. 91. Ic.
25. opt.

Lotus Ornithopodii filiquis, fl. luteo, nigris lineis striato
Chabr. 158. Ic. 1.

Lotus polyceratos annuus procumbens latifolius, filiquis
Ornithopodii H. Ox. 176. 8.

Lotus sylvestris *Creticus* Park. 1101. fig. 4. ex *Pona* Ital. 153.

That Reverend Divine and Botanist Sir *George Wheeler*,
observed this in the *Island* *Corfu*.

74. Fine *Fumitory* Ray 406. 3. H. Ox. 261. xi.

Fumaria tenuifolia Ger. 928. fig. 3. *Jonst.* 1088. fig. 3.

Fumaria minor five *tenuifolia* Park. 287. fig. 2.

Fumaria minor *tenuifolia* C B. 143. 3. phyt. 245. 2.

Fumaria minor five *tenuifolia* surrecta *Chabr.* 277. Ic. 6. I B.
3. l. 26 p. 203. fig.

Capnos tenuifolia *Clus.* 208. fig. 2. *Hisp.* 375. fig. *Lob.* Ic.
757. 2. *Belg.* 914 *Obs.* 438.

Grows amongst Corn and by Pathways about *Montpelier*,
and in divers parts of *Spain* where its called *Palomilla*, and
flowers in *April* and *May*.

75. *Barcelona Hart Fumitory*.

Fumaria henneaphyllos *Hispanica* saxatilis *Bocc.* Mus. 83.
Tab. 73.

Fumaria heneaphyllos Hispan. saxatilis, fl. vario Barret.
866. Ic. 42.

Fumaria Hisp. saxatilis, fol. amplioribus cordiformibus,
sem. compressis El Bôt. 334. Inst. 422.

Dr. *Salvadore* observed this in the Fissures of *Mount Serrat*, and in the Hermits Walls about *Barcelona* where it Flowers in *May, June, and July.*

The curious *Dutchess Dowager* of *Beaufort* shewed me very fair Specimens of this Plant, which her Grace raised from Seed I had given her.

Plantæ fructu tricocco. Plants with Treble Husks and Seed.

76. Garden Spurge Ray 866. 18.

Lathyris C B. in Matth. 868. fig. 1. Cam. 968. fig. opt.

Lathyris major C B. 293. 1. phyt. 577. 1.

Lathyris major Hortensis Park. 191. fig. 1.

Lathyris five *Cataputia minor* Chabr. 535. Ic. 4. I B. 3. p. 880.
fig. Jonst. 503. fig. 18.

Cataputia minor Lob. Ic. 362. 1. Belg. 439. Obs. 197. Ger.
405. fig. 14.

Cataputia minor five *Lathyris angustifolia* Tab. 587. Ic. 2.

Tithymalus latifolius *Cataputia dictus* H. Leyd.

Grows spontaneously in many Gardens, where it Flowers and Seeds in *July* and *August.*

77. Red Flowred Spurge Ray 864. 2.

Characias Monspeliensum Clus. & Matth. Lob. Ic. 359. 2.

Belg. 43. Obs. 194. fig. 2. Adv. 152.

Tithymalus Amygdaloides five *Characias* Chabr. 534. Ic. 2.
I B. 3. l. 34. p. 672. fig.

Tithymalus *Characias* 1. Clus. 188. fig. 1. *Hisp.* 436. fig.

Tithymalus *Characias Monspeliensum* Park. 186. 2. Jonst.
499. fig. 8.

Tithymalus *Characias rubens peregrinus* C B. 290. 2. phyt.
572. 1.

Clusius observed this on the rough Mountains of *Spain*, its also found in *Italy* and about *Montpelier* in stoney Places.

Its dark red *Flowers*, distinguish it from others like it.

78. *Montpelier Meadow Spurge*.

Tithymalus Lithospermi majoris folio Bot. Monsp. 305.

An *Tithymalus Tingitanus Linaria folio, lunato flore H. Leyd.*

An *Tithymalus Linariæ folio, lunato flore H. Blef. 313.*

Dr. *Nissole* that curious Botanist sent me this Plant among many others gathered about *Montpelier*.

79. *Soft Spurge of Mount Polline.*

Tithymalus Montis Pollini, fol. & fructu pubescentibus.

Its *Stalks* brown and hoary as are its *Leaves* which grow alternately and not thick set. Its *Flowers* and *Seeds* in *July* and *August*.

Monf. *Vaillant* sent me a *Specimen* and *Seed* of this from *Paris*.

80. *Cambridge Corn Spurge Ray 868. 22.*

Tithymalus Segetum longifolius Cat. Cant. app.

It grows in the *Corn* beyond *Kingston-wood* in the Road to *Gamlingay* in *Cambridge-shire*, where I found it in company with Mr. *James Sherard*, an accurate Botanist and well vers'd in the Knowledge of our *English Plants*.

81. *Cypress Spurge Ray 865. 19. H. Ox. Bob. 335. 4.*

Tithymalus Cupressinus Jonst. 449 fig. 5. H. Ox. Bob. 335.

4. 1. Tab. Ic. 594. fig. 2. Hist. 2. p. 293. f. 3. opt.

Tithymalus Pinea Ger. 402. fig. 6. opt.

Tithymalus Cyparissias C.B. 291. 2. T. Esula Chabr. 532. Ic.

6. 1 B. 3. l. 34 p. 663. fig. Cam. 964. fig. Lob. Obf. 192.

fig. 3. Adv. 151. C B in Matth. 865. fig. 5. Lugd. 1644.

fig. 2. opt.

Tithymalus Cyparissias minor C B phyt. 575. 15,

Tithymalus Cyparissias vulg. Park. 193. descr. 3 but its *Figure* is of the *Pytus* or *Esula major*.

Vertues. Dr. *Tournefort* says the *Root* of this *Spurge* is a proper *Cathartick* in *Hydropick* and *Cachectic Bodies*, as also for *intermittent Fevers* given from 3ss to ʒij with 20 Grains

Grains of *Mercurius dulcis* and 30 of Cream of Tartar, 10, 15 or 20 of its Seed is a strong Purge, and the Basis of *Fernelius* his *Pil. ex Esula*, its Dose ʒij. The Roots of this Plant are also used in the *Benedicta Laxativa*. *Hydragogum eximium Renodei*. Extract. *eximium* & *Cholagogum Rolfinchii*.

It grows pretty common in many Gardens.

82. Common Sea Spurge Ray Brit. Herbal. Tab. 53. fig. 8.

Tithymalus maritimus C B 291. 1. phyt. 574. xi.

Tithymalus Paralius Chabr. 534. Ic. 6. 1 B. 3. 1 34. p. 674.

fig. Lob. Ic. 354. 2, Belg. 430. Obs. 191. fig. Camer. 962.

fig. opt.

Tithymalus paralius seu maritimus Park. 184. fig Ger. 401.

fig. 1. Jonst. 498. fig 1. opt. Matth. Lugd. 1643. fig. 2.

& 47. fig. 1. Tab. 593. Ic 1. Hist. 2. p. 292. f. 3. C B in

Matth. 864. fig. 3.

This elegant Spurge is found on most of the Sea Coasts of Europe.

83. Small Portland Spurge.

Tithymalus maritimus minor Portlandicus.

From a small downright single Root, rise slender Stalks with longish oval Leaves not thick set (as in the common Sea-Spurge) at the Top come small Umbels of Flowers and Seeds like other Spurges. It grows not a Span high even in our Gardens where it is very luxuriant.

The Reverend Mr. William Stonestreet, that accurate Botanist, first discovered this about a Year since on a narrow Neck of Land covered with Peebles which joyns Portland with the Coast of Dorset-shire.

Arbores Pisifloræ. Trees with Pea-blooms.

84. Bean Trefoil-tree. Ray 1721. 1.

Anagyris Cam. 671. fig. Ger. 1239. fig. 1. Jonst. 1427. fig. 1.

Anagyris 1. Tabern. 1089. Ic. 2. Hist. Vol. 2. p. 794. f. 1.

Anagyris non fætida-major vel Alpina C B. 391. 3.

Anagyris live *Laburnum majus* Park. 245 fig. 2. opt.

Anagy-

Anagyris minus færens vel Laburnum Lob. Ic. 2. p. 49. 2.

• Belg. 2. p. 56. fig:

Laburnum Chabr. 78. Ic. 1.

Laburnum arbor trifolia *Anagyridi* similis I B. 1. l. xi. p. 361. f.

It *Flowers* in May, June, &c. On *Salève* & *Jura* two Mountains near *Geneva* where Mr. Ray observed it, as also on the *Alps* of *Savoy*.

85. Great podded, *Bastard Sena* Ray 923. 1. H Ox. 122. 1.

Colutea Scorpoides Lob. Ic. 86. 2. pt. 2. Belg. 100. T. 2.

Adv. 405. fig. Chabr. 82. Ic. 1. l B. 1. l. xi. p. 381. fig.

Ger. 1116. fig. 2. *Jonst.* 1299. fig. 2.

Colutea Scorpoides 1. *Tab.* 1091. Ic. 1. *Hist.* 695. f. 2.

Colutea Scorpoides 1. *elatior* *Clus.* 97. fig.

Colutea Scorpoides major *Park.* 227. fig. 2.

Colutea Scorpoides *elatior* & major *frutescens* H. Ox. 122. 1.

Colutea filiquosa five *Scorpoides* major C B. 397. 2.

Emerus vulgò *Casalp.* 117.

Mr. Ray has observed this about *Montpelier*, *Geneva*, &c.

86. Common Bladder *Bastard Sena* Ray 1720. 1.

Colutea *Ger.* 1116. fig. 1. *Jonst.* 1299. fig. 1. *Tab.* 1090. Ic. 2.

Colutea *Theoph.* Lob. Ic. 88. 2. pt. 2. Belg. 101. T. 2. *Obs.* 530.

Colutea Vesicaria vulgaris *Park.* 227. fig. 1. C B. 396. 1.

Colutea Vesicaria Chabr. 81. Ic. 6. I B. 1. l. xi. p. 380. fig.

Emeri alterum genus *Casalp.* 117.

Grows about *Trent* plentifully, as also on *Mount Vesuvius*, &c.

Arbores Bacciferæ. Berry-trees.

87. Widdow-wayl Ray 1710. c. 12. *Lecaan* 83. 50.

Olivella Hispanis. *Garoupe* *Narbonens.* *Fremb'd* *Seidel* past Germ.

Chamelea *Dod.* 633. fig. *Cam.* 573. fig. opt.

Chamelea tricoccus. C B. 462. 1. *Clus.* 87. fig. 1. *Hisp.* 170.

fig Chabr. 46. Ic. 3. I B. 1. l. 5. p. 584. fig. *Park.* 202. fig. 5.

Chamelea Arabum *tricoccus* *Ger.* 1215. fig. *Jonst.* 1402. fig.

1. *Tab.* 1075. Ic. 2.

Chamelea vera aliis *Tricoccus*, *Mezereon* *Cam.* *Hort.* 39.

Chama-

Chamaelea vera, aliis *Tricoccus* Lob. Ic. 369. 2. Adv. 157.
fig. Belg. 448. fig.

Grows plentifully in Olive Grounds and on the Rocky Hills about *Montpelier*.

88. Plain Oval *Mock-Privet*.

Phillyrea folio subrotundo vix ferrato.

These Leaves much resemble the Figure in *Camerarius* his *Epitome* p. 90. marked thus * but its notches less visible.

89. True *Mock-Privet*.

Phillyrea vera, folio acuto, basi lato.

This also is very lightly notcht.

90. Olive *Mock Privet*. Ray Dendr. 53. 2.

Phillyrea Olea Ephesiaca folio Hort. Med. Chelf. Pluk. Tab. 310. fig. 5.

These Leaves are oblong, pointed and wholly plain.

91. Fine dented, small leaved *Mock-Privet*.

Phillyrea folio minori argutè ferrato.

The only Tree of this I have as yet seen is in the Wilderness of the Bishop of London's Garden at *Fulham*.

92. Common *Mock-Privet*. Ray 1585. 2.

Phillyrea fol. Ligustri C B. 476. 4.

Phillyrea latiore folio Ger. 1209. fig. *Jonst.* 1395. fig. 2.

Phillyrea latiusculo fol. Chabr. 42. lc. 2. I B. 1. l. 5. p. 539. fig.

Phillyrea 3 Clus. 52. fig. 2. *Hisp.* 68. fig.

Phillyrea angustifolia 1, Park. 1443 fig. 4. secundum Iconem.

Grows wild in Spain and about *Montpelier*.

93. Common Narrow *Mock-Privet* Ray. 1585. 1.

Phillyrea angustifolia Ger. 1209. fig. 1. *Jonst.* 1595. fig. 1.

Chabr. 42. lc. 1. I. B. 1. l. 5. p. 538. fig. Lob. lc. 2. p. 132.

Belg. T. 2. p. 154. fig. *Obs.* 565. fig.

Phillyrea angustifolia 1 C B. 476. 5.

Phillyrea 4 Clus. 52. fig. 3. *Hisp.* 64. fig.

Frequent about *Montpelier*.

We shall Conclude with the Indian Herbs and Trees in the next Transactions.